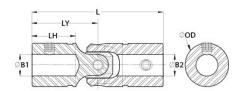




## USS10-5/16"-7MM-SS

Ruland USS10-5/16"-7MM-SS, 5/16" x 7mm Single Universal Joint, Friction Bearing, Stainless Steel, Set Screw, 0.620" (15.7mm) OD, 2.250" (57.2mm) Length





## **Description**

Ruland USS10-5/16"-7MM-SS is a single cardan friction bearing universal joint with 0.3125" x 7mm bores, 0.620" (15.7mm) OD, 2.250" (57.2mm) length, and #10-32 set screws. It is ideal for applications with space constraints and has higher torque capacity than equivalently sized double universal joints. This plain bearing universal joint is comprised of pins and blocks that are precision machined, selectively heat treated, and ground for high strength, accuracy, and wear resistance. The combination of these components with precision ground and hardened yoke ears allow for a longer lifespan, increased performance in demanding applications, and greater angular misalignment of up to 45° when compared to commodity style single universal joints. USS10-5/16"-7MM-SS is designed for use in high RPM applications up to 6000 RPM and has extended service life due to pre-lubricated maintenance free bearings. It can be combined with boot UBOOT10/15-NI-KIT to protect the joint from unwanted contaminants such as dust or water and self lubricate reducing maintenance time. This single cardan universal joint is manufactured in the USA by Belden Universal for strict control of processes.

**Product Specifications** 

0.3125 in	Small Bore (B2)	7 mm
0.820 in (20.8 mm)	<b>B2 Max Shaft Penetration</b>	0.820 in (20.8 mm)
0.620 in (15.7 mm)	Bore Tolerance	+0.0010 in / -0.0000 in (+0.025 mm / -0.000 mm)
2.250 in (57.2 mm)	Yoke Length (LY)	1.125 in (28.6 mm)
0.820 in (20.8 mm)	Broached Set Screw	#10-32
Bright	Peak Torque	475 in-lb (53.7 Nm)
95 in-lb (10.7 Nm)	Max Operating Angle	45°
Yokes: 303 Stainless Steel Pins and Blocks: 416 Stainless Steel	Manufacturer	Belden Universal
USA	Recommended Lubricant	LUBRIPLATE No. 1200-2
UBOOT10/15-NI-KIT	UPC	63452933714
8483.60.4000	UNSPC	25173810
Performance ratings are for guidance only. The user must determine suitability for a particular application.		
▲WARNING This product can expose you to the chemical Nickel (metallic), known to the State of California to cause cancer. For more information go to <a href="https://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .		
	0.620 in (15.7 mm)  2.250 in (57.2 mm)  0.820 in (20.8 mm)  Bright  95 in-lb (10.7 Nm)  Yokes: 303 Stainless Steel Pins and Blocks: 416 Stainless Steel  USA  UBOOT10/15-NI-KIT  8483.60.4000  Performance ratings are for guida  MARNING This product can experience.	0.820 in (20.8 mm) B2 Max Shaft Penetration 0.620 in (15.7 mm) Bore Tolerance  2.250 in (57.2 mm) Voke Length (LY) 0.820 in (20.8 mm) Broached Set Screw Bright Peak Torque 95 in-lb (10.7 Nm) Max Operating Angle Yokes: 303 Stainless Steel Pins and Blocks: 416 Stainless Steel USA Recommended Lubricant UBOOT10/15-NI-KIT UPC 8483.60.4000 UNSPC Performance ratings are for guidance only. The user must determine